

REMARKS

Applicant hereby responds to the Office Action of April 9, 2007, in the above-referenced patent application. Applicant thanks the Examiner for carefully considering the application and for indicating that all pending claims 1-30 contain allowable subject matter.

The Specification is objected to because the Abstract is over 150 words. By way of this reply, the Abstract has been amended to be less than 150 words. Accordingly, withdrawal of the objection to the Specification is respectfully requested.

The drawings are objected to. By way of this reply, the drawings are amended as suggested by the Examiner. More specifically, FIGS. 1A and 1B have been labeled as "Prior Art." Accordingly, withdrawal of the objection to the drawings is respectfully requested.

Claims 1 and 16 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 7 and 17, respectively, of copending U.S. Patent Application No. 10/697,361. By way of this reply, a Terminal Disclaimer has been filed with respect to the copending Application No. 10/697,361, rendering the rejection moot. The Examiner additionally indicates that claims 1 and 16 of the present application conflict with claims 7 and 17 of Application No. 10/697,361 under 37 CFR 1.78(b). However, as the Examiner further indicates that a

Terminal Disclaimer is sufficient for placing claims 1-30 in condition of allowance, it is not necessary for Applicant to address the "conflict" issue.

In view of the above, all pending claims 1-30 are now in condition of allowance.

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

The instant Office Action asserts that U.S. Patent No. 4,853,970 (“Ott”) discloses the claimed limitations (a) – (d) and (f) as recited in independent claim 1 of the present application. Applicant respectfully disagrees.

It is respectfully submitted that Ott also fails to disclose at least the claimed “(f): if the selected pixel is essentially a center pixel in a luminance transition range of the slant edge, then determining the length of the luminance transition range of the slant image edge.” Figure 3 of Ott, although illustrating a transition region that inherently has a “length,” such a “length” is not determined or calculated in the Algorithm as taught in Ott. Rather, referring to, *e.g.*, col. 9, lines 29-64 of Ott, the inflection point 18 is used to compare with a location of the center pixel P. As discussed earlier in Ott with reference to Figs. 2A and 2B, the “center” pixel is a scan center and does not depend on, nor is determined from, the length of the transition region. In addition, the “inflection” point, by its definition, only reflects the curvature change and does not depend on, nor is determined from, the length of the transition region. Indeed, Ott is completely silent with respect to “determining the length of the luminance transition range” as claimed. Figure 3 in Ott is merely used for qualitatively illustrating the inflection point 18, and does not have a quantitative description of the length of the transition region.

The above comments also apply to claim 16, which was allowed for the same reasons as claim 1.

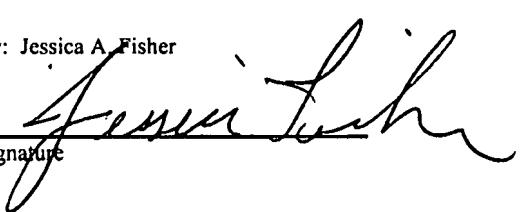
Applicant reserves the right to further distinguish differences between Ott and the claimed invention.

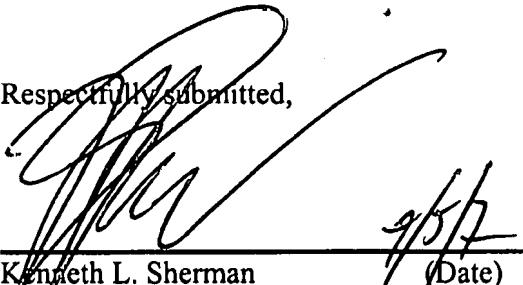
CONCLUSION

In view of the foregoing remarks, all pending claims are in condition of allowance. Applicant respectfully requests that the case be passed to issue. If the Examiner feels that a telephone interview would be helpful to the further prosecution of this case, Applicant respectfully requests that the undersigned attorney be contacted at the listed telephone number.

Please direct all correspondence to **Myers, Dawes Andras & Sherman, LLP**,
19900 MacArthur Blvd., 11th Floor, Irvine, California 92612.

Attachments: Replacement Drawing Sheet(s) (Figs. 1A & 1B)

<u>CERTIFICATE OF MAILING</u>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July <u>5</u> , 2007	
By: Jessica A. Fisher	
Signature	

Respectfully submitted,

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